# **Marine Fisheries**

## REVIEW

W. L. Hobart, Editor J. A. Strader, Managing Editor



On the cover: The FV Marian Leigh pursed Atlantic menhaden for bait out of Reedville, Virginia, in the early 1990's. Photo: W. Bradley O'Bier.



Articles 73(1), 2011

The Bait Purse-seine Fishery for Atlantic Menhaden, Brevoortia tyrannus, in the Virginia Portion of Chesapeake Bay

Census of Active Commercial Fishermen in Puerto Rico: 2008

Offshore Migratory Corridors and Aerial Photogrammetric Body Length Comparisons of Southbound Gray Whales, *Eschrichtius robustus*, in the Southern California Bight, 1988–1990 Joseph W. Smith and W. Bradley O'Bier

Daniel Matos-Caraballo and Juan J. Agar 13

James L. Sumich and Ivan T. Show 28

1

### U.S. DEPARTMENT OF COMMERCE

Gary Locke, Secretary

### NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Jane Lubchenco, Under Secretary for Oceans and Atmosphere

#### **National Marine Fisheries Service**

Eric Schwaab, Assistant Administrator for Fisheries The Marine Fisheries Review (ISSN 0090-1830) is published quarterly by the Scientific Publications Office, National Marine Fisheries Service, NOAA, 7600 Sand Point Way N.E., BIN C15700, Seattle, WA 98115. Annual subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The annual subscription price is \$21.00 domestic, \$29.40 foreign. Single copies are \$12.00 domestic, \$16.80 foreign. For new subscriptions write: New Orders, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954.

Although the contents of this publication have not been copyrighted and may be reprinted entirely, reference to source is appreciated.

Publication of material from sources outside the NMFS is not an endorsement, and the NMFS is not responsible for the accuracy of facts, views, or opinions of the sources. The Secretary of Commerce has determined that the publication of this periodical is necessary for the transaction of public business required by law of this Department. Use of the funds for

printing this periodical has been approved by the Director of the Office of Management and Budget.

The NMFS does not approve, recommend, or endorse any proprietary product or proprietary material mentioned in this publication. No reference shall be made to the NMFS, or to this publication furnished by the NMFS, in any advertising or sales promotion which would indicate or imply that the NMFS approves, recommends, or endorses any proprietary product or proprietary material mentioned herein, or which has as its purpose an intent to cause directly or indirectly the advertised product to be used or purchased because of this NMFS publication. POSTMASTER: Send address changes for subscriptions for this journal to: *Marine Fisheries Review*, c/o Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. This issue, volume 73 number 1, was printed and distributed in June 2011.

This publication is available online at http://spo.nwr.noaa.gov/mcontent.htm